

## ABSTRACT

### PIXEL COLOR MAP OPERATOR INTERFACE

[0032] The present invention provides for a pixel color map operator interface, incorporated into a computer system. Images are displayed on the screen monitor of a computer system, and in one embodiment the images represent machine components. The operator interacts with the computer system by selection of a desired image via a pointing device, which activates sensitive regions of the image based on the pixel color value. Upon selection and activation of the sensitive region, which is mapped to a program algorithm, an operator desired function, programmed into the application, is performed by the computer system. The pixel color map operator interface eliminates the need for geographic mapping of a single bitmap or the conglomeration of several bitmaps by basing selection and activation on the color value of a selected pixel.